# **MITSUBISHI**

Refrigerator-Freezers

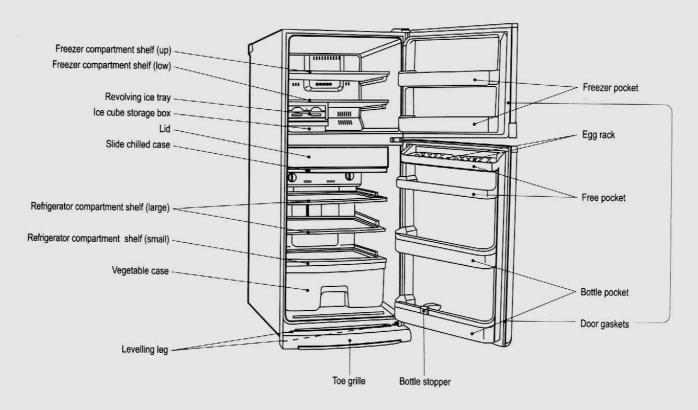


# **OPERATING INSTRUCTIONS**

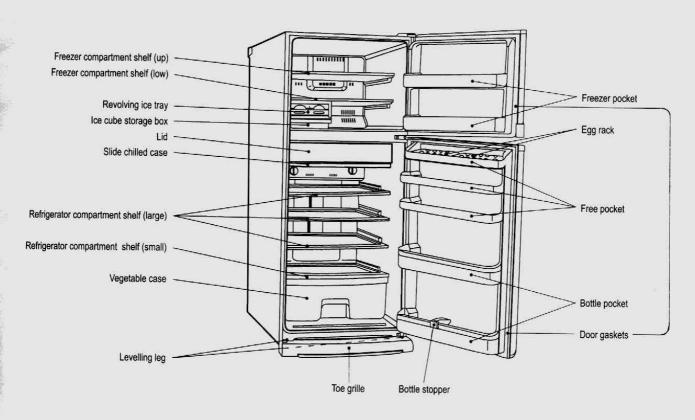
MODELS: MR-360J, MR-395J

MR-508J, MR-508JL MR-560J, MR-560JL

# 1. Parts name of model MR-360J, MR-395J

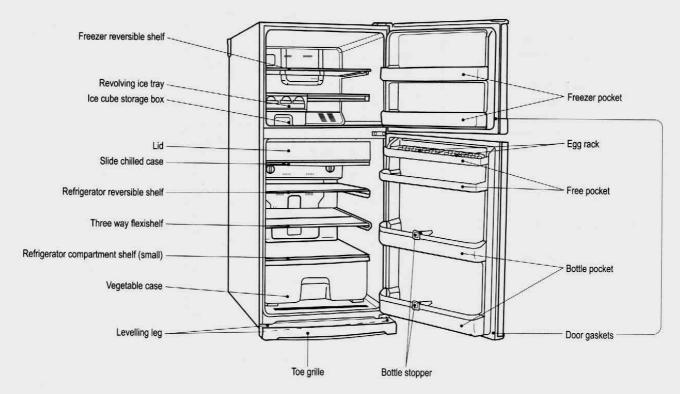


This picture shows Model MR-360J

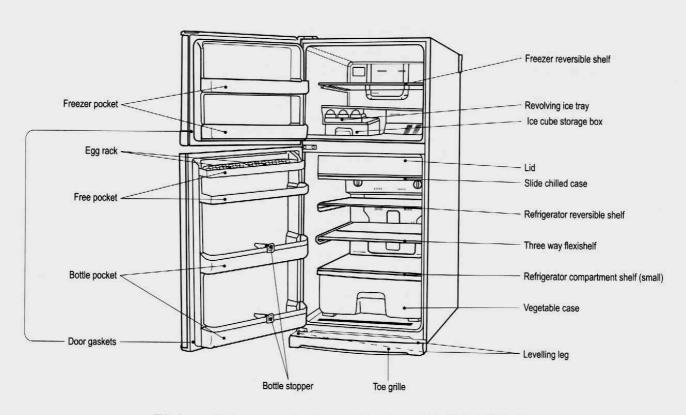


This picture shows Model MR-395J

# 1. Parts name of model MR-508J, MR-508JL

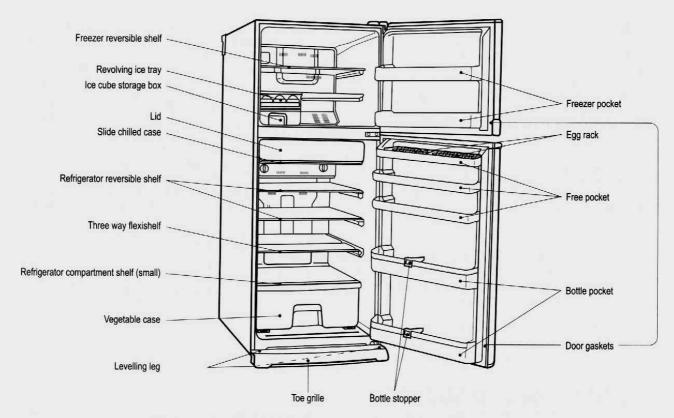


This picture shows Model MR-508J

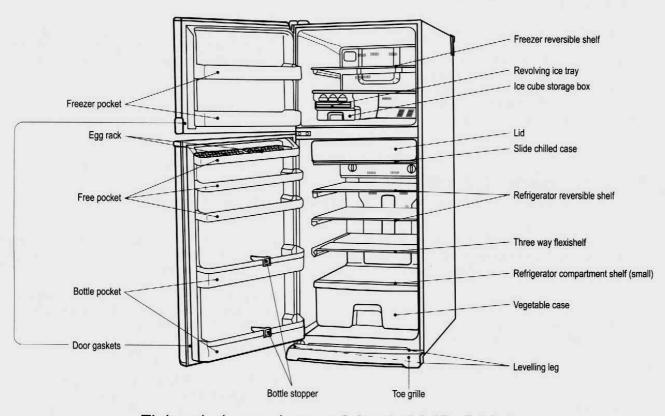


This picture shows Model MR-508JL

# 1. Parts name of model MR-560J, MR-560JL



This picture shows Model MR-560J



This picture shows Model MR-560JL

### 2. Installation

- Install on a completely flat and rigid surface.
   Adjust the height of the levelling leg to ensure that the refrigerator is stable thus reducing shaking and vibration noise.
- If the surface is carpet or rubber floor tiles, please place something over the surface in order to protect it from being effected by heat generated in the refrigerator.
- Leave clearances of at least 2 cm. between both sides of the refrigerator and the wall, and at least 10 cm. Between the top of the refrigerator and the surface immediately above.



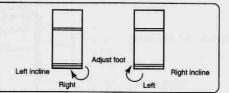
 To ensure the refrigerator is in a stable position, adjust its level by turning the levelling leg located in the front of both corners.

#### CAUTION

When installing refrigerators on carpet or rubber floor tiles, place a piece of solid material under the feet. This protects the surface and prevents the possibility of it becoming unstable under the weight of the refrigerator.

 Choose a location which is not exposed to the sun, which is relatively free from dust, heat and humidity, and which offers good ventilation. This is to ensure that heat dissipation will not be impaired.

How to adjust the refrigerator to be parallel to the ground. In cases where the refrigerator is not parallel to the ground it is located on, please turn the adjusting foot according to the direction of the arrow.



### 3. Electrical connection

Important: For personal safety, this appliance must be properly grounded.

- The refrigerator should always be plugged into its own individual electrical outlet.
   This is recommended for best performance and also to prevent overloading of the houses wiring circuits which may cause a fire hazard. Extension cords are not recommended. Ensure that the proper voltage is provided from the outlet.
- If the power cord is damaged do not use this appliance. Contact you nearest Mitsubishi Electric Dealer and have a qualified technician replace it.

## 4. Suggestion for safety

The suggestions below apply to the operation of your home electric refrigerator. Mitsubishi Electric Corporation recommends these safety precautions.

- If you old refrigerator is still around the house but not in use, be sure to remove the door (s). This will ensure that children will not get trapped inside.
- Do not operate your refrigerator in the presence of explosive fumes.
- Avoid immediate consumption of ice lollies and other similar frozen food items.

- When moving the refrigerator do not allow the power cable to become entangled as doing so may damage it and create a shock hazard.
- Never unplug your refrigerator by pulling on the cord. Always take hold of the plug firmly and pull it straight out of the receptacle.
- · Fizzy drinks should not be frozen
- The appliance is not intended for use by young children or infirm persons without Supervision.
- Young Children should be supervised to ensure that they do not play with the appliance.

## 5. Operation

#### 1. Temperature control

- Both the freezer compartment and the refrigerator compartment have a temperature control.
- In order for the automatic temperature controls to maintain the temperature at the correct level, it is recommended that the freezer compartment temperature control, the refrigerator compartment temperature control dial and the slide chilled temperature dial be set to the mid position. Under normal operating conditions, there should be no need to vary these setting between seasons.
- To increase the cooling effect, set the freezer control and / or turn the dial in the direction of COLDER, and to decrease the cooling effect, set the freezer control and / or turn the dial in the opposite direction.

#### Temperature control of refrigerator compartment

Temperature control of freezer compartment







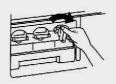
COLDER

#### 2. Automatic defrosting

Due to the built-in automatic defrosting timer and the defrosting heater, defrosting is performed automatically within this
refrigerator. There is, therefore, no need to defrost it. The water produced during defrosting passes through the drainage hose
at the rear and collects in the drain pan at the bottom of the refrigerator. It then evaporates automatically from the heated
drain pan.

#### 3. Ice making

- When you want to make ice cubes, pour water into each section of the ice cube tray, place the ice cube tray on the rails of "the ice corner" and push it in. Take care that water from the individual ice cube tray compartments dose not overflow into the ice cube storage tray.
- After ice cubes have formed in the ice cube trays, using the handle provided, turn the ice cube tray upside down and allow them to fall into the ice cube storage box underneath. Do not place half frozen ice cubes into the storage tray as they will bone the ice cubes together making it difficult to remove them.



#### 4. Slide chilled compartment

- This slide chilled compartment is cooled down to about 0°C to preserve freshness of foodstuffs stored for a long time.
- Remove the lid and chilled case as in the figure Slide Chilled case and proceed with cleaning.

  Open by pulling out the case

#### CAUTION

Before closing the refrigerator compartment door, make sure the chilled case is pushed in all the way (the lid is closed correctly). Double revolving ice tray model MR-360J/395J only

∯-FREEZER

\* Tripple revolving ice tray model MR-508J/560J only

#### CAUTION

- Do not use the ice cube storage tray for the purpose of making one large ice cube. This could cause the ice cube storage tray to be damaged.
- Do not put any kind of refrigerants such as ammonia or uric acid in the refrigerator. Any leakage of the refrigerant will cause the refrigerator to rust.
- In case of using mineral water, the ice cube may appear dull.
   This is not dangerous and is caused by carbonic acid calcium in
- Comes off by pulling out the case. Open lid, hold it at the right hand side and gently pull it out from the left hand side.

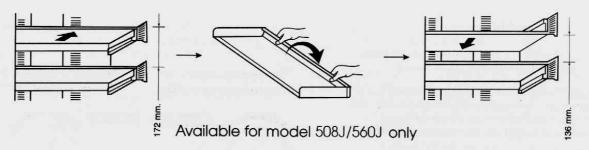


 Comes off by pulling the case out all the way, then pulling out while holding and lifting the edge of the case upward.



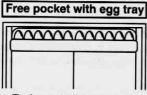
#### 5. Adjust the height between the shelf.

 The shelf could be reversed to adjust the height between the shelf.

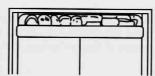


#### 6. Door racks

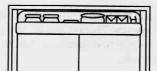
 The door racks can be used to store all those little things that seem to get in the way. If you put small items in one place, you will find that there is more room inside the refrigerator for larger things.



· The free pocket can hold many eggs



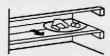
If you turn half the egg tray over, you will be able to store small items along with the eggs



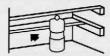
You can even turn the whole egg tray over and store small items in the free pocket instead of eggs.

#### 7. Three way Flexishelf

- \* Available for model 508J/560J only
- The three way Flexishelf can be folded up inside to accommodate large items or tall items. Pull up the front of the three way flexishelf a little, and then push the shelf in. The shelf can be folded up to half its former width and small items can be stored on it.



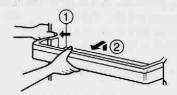
· Lift up the front part of the shelf and then push it back to the rear. this creates a storage space which is equivalent to the removal of the shelf.



 Remove the door racks as in the figures to allow easy access for cleaning.

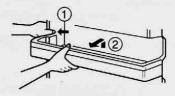
#### Freezer pocket

- 1) Push the button inside of door panel. ② Lift up the pocket and pull out to the front side.



#### Free pocket

• 1 Push the button inside of door panel. ② Lift up the pocket and pull out to the front side.



 To return the shelf to its former position, bring it back to half its normal width, and pull the front part forward.



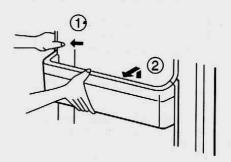
#### **Bottle pocket**

 The bottles are stored at an angle so that it is easy to put them in and take them out.



#### **Bottle pocket**

① Push the button inside of door panel.
② Lift up the pocket and pull out to the front side.

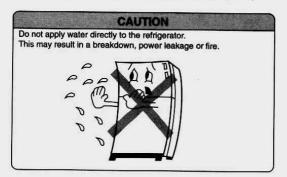


Depending on the size, commercially available bottles may be too large to be placed in the door pocket preventing the door from closing firmly.

### 6. Maintenance

When performing maintenance, make absolutely sure that the power plug is first disconneceted from the power outlet.

- Dip a soft cloth into cold or lukewarm water, wring it out well and wipe.
- If you do not clean the door gasket (especially the lower part) when it is dirty, the gasket will get easily damaged. Therefore, keep it clean at all times.
- Do not clean with cleanser, acids, benzine, thinner, boiling water,soap powder, chemical cloths or neutral detergents. These will damage the paint finish and material of your refrigerator.
- The drain pan gets dirty very easily and if it is not cleaned regularly, bad odours will be produced.
   Get into the habit of cleaning this pan regularly.



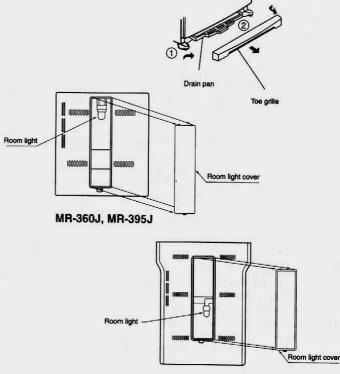
#### How to replace the room light

# WARNING Unplug the power cord. It may cause an electric shock.

- Pull out room light cover toward you with pressing a lower convex part up to remove light cover.
- Remove the room light at the below of temperature control in the interior of refrigeration compartment.
- Purchase the room light of 240 V / 15 W (cap E-12) in the shop
- Room light of Freezing compartment the same (508J/560J)

#### How to remove drain pan.

- Hold the toe grille of both the right hand side and left hand side, then press it and gradually put it out.
- ② Gradually pull out the drain pan by using right hand and left hand.
- ③ After remove drain pan and clean the dirty off, put it back and make sure drain pan is pushed in all the way (until touch the stopper of plate socket). Then cover it with toe grille.



MR-508J, MR-560J

## 7. Troubleshooting

#### When the refrigerator dose not operate

- · Check if there is a power failure.
- Check if the power cord is plugged into the power outlet.
- Have a qualified electrician check that the fuse (or circuit-breaker) has not blown.

#### When you hear a sound like water flowing

 A sound like water flowing is the refrigerant (cooling gas) flowing.
 It dose not indicate a malfunction.

# When the power plug is disconnected and connected again, and the compressor cases to rotate

 When the power plug is disconnected from the power outlet and then immediately plugged in again, the compressor may not start up again.
 Therefore, when unplugging the power plug, always wait at least 5 minutes before plugging it in again. (If the compressor ceases to rotate completely, keep the power plug unplugged and wait at least 5 minutes before plugging it in again.

#### When the refrigerator is cooling excessively

- The temperature control dial may be set too high.
- If you place foodstuffs containing a lot of moisture directly under the cool air outlets, they will freeze easily. This dose not indicate a malfunction.

#### When the refrigerator is not cooling sufficiently

- The food may be packed too tightly together which will block the flow of cool air.
- You may have put something hot or a lot of foodstuffs into the refrigerator.
- The door may not have been closed properly.
- The door gasket may be damaged.
- The refrigerator may not be well ventilated.
- There may be insufficient clearance between the refrigerator and the surfaces immediately both sides and above.
- The temperature control dial may not be set properly.

## When condensation forms on the outside of the refrigerator

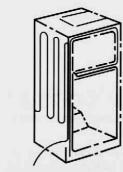
 Condensation may form on the outside when the humidity is high such as during a wet season. This is the same result as the condensation formed when chilled water is poured into a glass. It dose not, therefore, indicate a failure. Wipe dry with a dry cloth.

#### When the cabinet's side panel heats up

• The side panel of the cabinet will heat up when the door is opened and closed frequently, when installing the unit and when the unit operates in summer with high outside temperatures. In such cases, do not touch the panel. This heat build up is due to the dissipation of the heat absorbed from inside the cabinet over the whole of the cabinet's side panel and it does not mean that something is wrong with the unit.

#### When the refrigerator's cabinet front heats up

 In order to safeguard against condensation, there is an anticondensation pipe which heats up the cabinet front when actuated. A warm cabinet front does not indicates a malfunction. (The more the door is opened and closed, the more the anti-condensation pipe is actuated. It is also actuated immediately after the refrigerator has been installed. In other words, the cabinet front often heats up.)



Anti-condensation pipe

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